

## EAST Search History

| Ref # | Hits | Search Query  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------|------------------|---------|------------------|
| L6    | 80   | ("kim, ki mun".in.) or ("lee, sang yun".in.) or ("hahm, hee hyeok".in.) or ("ryu, young ahn".in.) or ("joo, young ho".in.) or ("ju, jae young".in.) | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2008/04/11 10:52 |
| L7    | 1    | "6716101".pn.   | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2008/04/11 10:53 |
| L8    | 1    | L7 and (locat\$4) and informat\$4 and mobile and URL and transmit \$4   | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2008/04/11 10:53 |
| L9    | 1    | L8 and server and request\$2 and signal and cellular and wireless   | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2008/04/11 10:53 |
| L10   | 80   | ("kim, ki mun".in.) or ("lee, sang yun".in.) or ("hahm, hee hyeok".in.) or ("ryu, young ahn".in.) or ("joo, young ho".in.) or ("ju, jae young".in.) | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2008/04/11 10:53 |
| L11   | 135  | "sk telecom".asn.   | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2008/04/11 10:53 |
| L12   | 80   | ("kim, ki mun".in.) or ("lee, sang yun".in.) or ("hahm, hee hyeok".in.) or ("ryu, young ahn".in.) or ("joo, young ho".in.) or ("ju, jae young".in.) | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2008/04/11 10:53 |
| L13   | 0    | L12 and (locat\$4 near inform\$4)   | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2008/04/11 10:53 |
| L14   | 18   | L12 and (locat\$4 and inform\$4)  | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2008/04/11 10:53 |
| L15   | 0    | L12 and (locat\$4 and inform\$4) and position \$3   | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2008/04/11 10:53 |

|     |       |  |                              |    |     |                     |
|-----|-------|--|------------------------------|----|-----|---------------------|
| L16 | 18    | L12 and (locat\$4 and inform\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L17 | 9     | L12 and (location adj information)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L18 | 135   | "sk telecom".asn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L19 | 22    | L18 and (location adj information)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L20 | 21    | "6163701"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L21 | 1     | "6163701".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L22 | 1     | "6295454".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L23 | 1     | "6014090".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L24 | 1     | "6716101".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L25 | 29    | ("5389934"  <br>"5446465"   "5465405"<br>  "5731757"  <br>"5731785"   "5835907"<br>  "6097958"  <br>"6216007").PN. OR<br>("6295454").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L26 | 0     | L25 and client and server and authent\$5 and IP  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L27 | 0     | L25 with client with server with authent\$5 with IP  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L28 | 8     | L25 and client and server  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L29 | 12635 | 709/217  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |

|     |         |  |                        |    |     |                  |
|-----|---------|--|------------------------|----|-----|------------------|
| L30 | 2532905 | L29 and (terminal bounding period station) near\$2 (connect\$4 join\$4 near \$3) with (client applicant) near\$3 (server backup) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |
| L31 | 4503293 | (terminal bounding period station) near\$2 (connect\$4 join\$4 near \$3) with (client applicant) near\$3 (server backup)         | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |
| L32 | 299     | L31 and (location adj inform\$4)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |
| L33 | 33      | L32 and (mobile adj station)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |
| L34 | 15      | L33 and internet and position  | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |
| L35 | 5311    | 709/228  | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |
| L36 | 6628    | 709/218  | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |
| L37 | 11443   | 709/219  | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |
| L38 | 111500  | "455"/\$.ccls.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |
| L39 | 10      | L38 and L34  | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |
| L40 | 42912   | L38 and L30  | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |
| L41 | 86085   | L38 and L31  | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |
| L42 | 42912   | L40 and L31  | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |
| L43 | 1       | "6677894".pn.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 10:53 |

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|-----|--------|--|------------------------------|----|-----|---------------------|
| L44 | 1      | "6716101".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L45 | 0      | L7 and (locat\$4) and<br>inform\$4 and mobile  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L46 | 1      | L7 and (locat\$4) and<br>informat\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L47 | 1      | L7 and (locat\$4) and<br>informat\$4 and mobile  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L48 | 1      | L7 and (locat\$4) and<br>informat\$4 and mobile<br>and URL   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L49 | 1      | L7 and (locat\$4) and<br>informat\$4 and mobile<br>and URL and transmit<br>\$4                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L50 | 1      | L8 and server  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L51 | 1      | L8 and server and<br>request\$2  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L52 | 1      | L8 and server and<br>request\$2 and signal   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L53 | 1      | L8 and server and<br>request\$2 and signal<br>and cellular   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L54 | 1      | L8 and server and<br>request\$2 and signal<br>and cellular and<br>wireless                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L55 | 1      | L8 and server and<br>request\$2 and signal<br>and cellular and<br>wireless and select\$4                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L56 | 406700 | L8 and server and<br>request\$2 and signal<br>and cellular and<br>wireless and select\$4<br>message\$3     | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L57 | 1      | L8 and server and<br>request\$2 and signal<br>and cellular and<br>wireless and select\$4<br>and message\$3 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |

|     |     |  |                              |    |     |                     |
|-----|-----|--|------------------------------|----|-----|---------------------|
| L58 | 1   | "6259923".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L59 | 1   | L58 and tcp and IP and<br>gps  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L60 | 1   | L58 and tcp and IP and<br>gps and locat\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L61 | 1   | L58 and tcp and IP and<br>gps and locat\$4 and<br>data   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L62 | 1   | L58 and tcp and IP and<br>gps and locat\$4 and<br>data and burst and<br>message  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| L63 | 31  | ("20010044310"  <br>"5526401"   "5546445"<br>  "5646839"  <br>"5802468"   "5936530"<br>  "6088594"  <br>"6154727"   "6216157"<br>  "6243039"  <br>"6246882"   "6292743"<br>  "6331825"  <br>"6470181").PN. OR<br>("6716101").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/11<br>10:53 |
| S1  | 63  | ("kim, ki mun".in.) or<br>("lee, sang yun".in.) or<br>("hahm, hee hyeok".<br>in.) or ("ryu, young<br>ahn".in.) or ("joo,<br>young ho".in.) or ("ju,<br>jae young".in.)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/17<br>13:55 |
| S8  | 114 | "sk telecom".asn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/17<br>14:22 |
| S9  | 63  | ("kim, ki mun".in.) or<br>("lee, sang yun".in.) or<br>("hahm, hee hyeok".<br>in.) or ("ryu, young<br>ahn".in.) or ("joo,<br>young ho".in.) or ("ju,<br>jae young".in.)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/17<br>13:55 |
| S10 | 0   | S9 and (locat\$4 near<br>inform\$4)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/17<br>14:16 |
| S11 | 15  | S9 and (locat\$4 and<br>inform\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/17<br>14:16 |

|     |     |  |                              |    |     |                     |
|-----|-----|--|------------------------------|----|-----|---------------------|
| S13 | 0   | S9 and (locat\$4 and inform\$4) and position \$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/17<br>14:17 |
| S14 | 15  | S9 and (locat\$4 and inform\$4)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/17<br>14:18 |
| S15 | 8   | S9 and (location adj information)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/17<br>14:22 |
| S16 | 114 | "sk telecom".asn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/17<br>14:22 |
| S17 | 16  | S16 and (location adj information)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/17<br>14:33 |
| S18 | 19  | "6163701"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>10:42 |
| S19 | 1   | "6163701".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>10:43 |
| S20 | 1   | "6295454".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>10:43 |
| S21 | 1   | "6014090".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>10:43 |
| S22 | 1   | "6716101".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>10:43 |
| S23 | 28  | ("5389934"  <br>"5446465"   "5465405"<br>  "5731757"  <br>"5731785"   "5835907"<br>  "6097958"  <br>"6216007").PN. OR<br>("6295454").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>14:51 |
| S24 | 0   | S23 and client and server and authent\$5 and IP  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>14:52 |
| S25 | 0   | S23 with client with server with authent\$5 with IP  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>14:52 |
| S26 | 7   | S23 and client and server  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>14:58 |

|     |         |  |                              |    |     |                     |
|-----|---------|--|------------------------------|----|-----|---------------------|
| S27 | 11419   | 709/217  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:00 |
| S28 | 2422908 | S27 and (terminal<br>bounding period<br>station) near\$2<br>(connect\$4 join\$4 near<br>\$3) with (client<br>applicant) near\$3<br>(server backup) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:13 |
| S29 | 4330341 | (terminal bounding<br>period station) near\$2<br>(connect\$4 join\$4 near<br>\$3) with (client<br>applicant) near\$3<br>(server backup)            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:13 |
| S30 | 275     | S29 and (location adj<br>inform\$4)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:15 |
| S31 | 30      | S30 and (mobile adj<br>station)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:15 |
| S32 | 15      | S31 and internet and<br>position   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:28 |
| S33 | 4805    | 709/228  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:29 |
| S34 | 6101    | 709/218  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:31 |
| S35 | 10386   | 709/219  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:31 |
| S36 | 104629  | "455"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:32 |
| S37 | 10      | S36 and S32  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:32 |
| S38 | 39213   | S36 and S28  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:33 |
| S39 | 79831   | S36 and S29  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:33 |
| S40 | 39213   | S38 and S29  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:35 |

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|-----|--------|---|------------------------------|----|-----|---------------------|
| S41 | 1      | "6677894".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>15:49 |
| S42 | 1      | "6716101".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>17:45 |
| S43 | 0      | S42 and (locat\$4) and<br>inform\$4 and mobile  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>17:46 |
| S45 | 1      | S42 and (locat\$4) and<br>informat\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>17:46 |
| S46 | 1      | S42 and (locat\$4) and<br>informat\$4 and mobile  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>17:46 |
| S48 | 1      | S42 and (locat\$4) and<br>informat\$4 and mobile<br>and URL   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>17:47 |
| S49 | 1      | S42 and (locat\$4) and<br>informat\$4 and mobile<br>and URL and transmit<br>\$4                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>17:47 |
| S50 | 1      | S49 and server  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>17:47 |
| S51 | 1      | S49 and server and<br>request\$2  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>17:48 |
| S52 | 1      | S49 and server and<br>request\$2 and signal   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>17:50 |
| S53 | 1      | S49 and server and<br>request\$2 and signal<br>and cellular   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>17:52 |
| S58 | 1      | S49 and server and<br>request\$2 and signal<br>and cellular and<br>wireless                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>17:54 |
| S59 | 1      | S49 and server and<br>request\$2 and signal<br>and cellular and<br>wireless and select\$4               | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>17:54 |
| S61 | 373191 | S49 and server and<br>request\$2 and signal<br>and cellular and<br>wireless and select\$4<br>message\$3 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>17:56 |

|     |    |  |                              |    |     |                     |
|-----|----|--|------------------------------|----|-----|---------------------|
| S62 | 1  | S49 and server and request\$2 and signal and cellular and wireless and select\$4 and message\$3  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/18<br>18:13 |
| S63 | 1  | "6259923".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/19<br>10:07 |
| S64 | 1  | S63 and tcp and IP and gps   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/19<br>10:08 |
| S68 | 1  | S63 and tcp and IP and gps and locat\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/19<br>10:09 |
| S71 | 1  | S63 and tcp and IP and gps and locat\$4 and data   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/19<br>10:10 |
| S73 | 1  | S63 and tcp and IP and gps and locat\$4 and data and burst and message   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/19<br>10:13 |
| S77 | 27 | ("20010044310"  <br>"5526401"   "5546445"<br>  "5646839"  <br>"5802468"   "5936530"<br>  "6088594"  <br>"6154727"   "6216157"<br>  "6243039"  <br>"6246882"   "6292743"<br>  "6331825"  <br>"6470181").PN. OR<br>("6716101").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/19<br>12:53 |

4/11/2008 10:59:27 AM

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